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Search Results - Record(s) 1 through 20 of 20 returned.

☐ 1. Document ID: US 20030211457 A1

Using default format because multiple data bases are involved.

L6: Entry 1 of 20

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030211457

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030211457 A1

TITLE: Methods and kits for testing mutagenicity

PUBLICATION-DATE: November 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wing, Luman	San Diego	CA	US	
Saghbini, Michael	San Diego	CA	US	

US-CL-CURRENT: 435/4; 435/252.3, 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawings
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☐ 2. Document ID: US 20030203498 A1

L6: Entry 2 of 20

File: PGPB

Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030203498

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030203498 A1

TITLE: System and methods for blood glucose sensing

PUBLICATION-DATE: October 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Neel, Gary T.	Weston	FL	US	
Bell, Douglas E.	Coral Springs	FL	US	
Wong, T. Philip	Coral Springs	FL	US	
Voss, Houston F.	Fort Lauderdale	FL	US	
Caban, Allan Javier	Lakeworth	FL	US	

Boehm, David K.

Lauderhill

FL

US

US-CL-CURRENT: [436/95](#); [422/82.01](#), [422/82.02](#), [435/14](#), [436/14](#), [436/149](#), [436/150](#)

## ABSTRACT:

A system for measuring a glucose level in a blood sample includes a test strip and a meter. The test strip includes a sample chamber, a working electrode, a counter electrode, fill-detect electrodes, and an auto-on conductor. A reagent layer is disposed in the sample chamber. The auto-on conductor causes the meter to wake up and perform a test strip sequence when the test strip is inserted in the meter. The meter uses the working and counter electrodes to initially detect the blood sample in the sample chamber and uses the fill-detect electrodes to check that the blood sample has mixed with the reagent layer. The meter applies an assay voltage between the working and counter electrodes and measures the resulting current. The meter calculates the glucose level based on the measured current and calibration data saved in memory from a removable data storage device associated with the test strip.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw D
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☐ 3. Document ID: US 20030082516 A1

L6: Entry 3 of 20

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082516

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030082516 A1

TITLE: Rapid detection of replicating cells

PUBLICATION-DATE: May 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Straus, Don	Cambridge	MA	US	

US-CL-CURRENT: [435/4](#); [435/287.1](#), [435/34](#), [435/7.2](#), [435/7.32](#)

## ABSTRACT:

The invention enables efficient, rapid, and sensitive enumeration of living cells by detecting microscopic colonies derived from in situ cell division using large area imaging. Microbial enumeration tests based on the invention address an important problem in clinical and industrial microbiology--the long time needed for detection in traditional tests--while retaining key advantages of the traditional methods based on microbial culture. Embodiments of the invention include non-destructive aseptic methods for detecting cellular microcolonies without labeling reagents. These methods allow for the generation of pure cultures which can be used for microbial identification and determination of antimicrobial resistance.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw D
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☐ 4. Document ID: US 20020019022 A1

L6: Entry 4 of 20

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019022

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020019022 A1

TITLE: Method and device for predicting physiological values

PUBLICATION-DATE: February 14, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dunn, Timothy C.	San Francisco	CA	US	
Jayalakshmi, Yalia	Sunnyvale	CA	US	
Kurnik, Ronald T.	Foster City	CA	US	
Lesho, Matthew J.	San Mateo	CA	US	
Oliver, Jonathan James	Oakland	CA	US	
Potts, Russell O.	San Francisco	CA	US	
Tamada, Janet A.	Mountain View	CA	US	
Waterhouse, Steven Richard	San Francisco	CA	US	
Wei, Charles W.	Fremont	CA	US	

US-CL-CURRENT: 435/14; 702/19

## ABSTRACT:

The invention relates generally to methods, systems, and devices for measuring the concentration of target analytes present in a biological system using a series of measurements obtained from a monitoring system and a Mixtures of Experts (MOE) algorithm. In one embodiment, the present invention describes a method for measuring blood glucose in a subject.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6653091 B1

L6: Entry 5 of 20

File: USPT

Nov 25, 2003

US-PAT-NO: 6653091

DOCUMENT-IDENTIFIER: US 6653091 B1

TITLE: Method and device for predicting physiological values

DATE-ISSUED: November 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Dunn; Timothy C.	San Francisco	CA
Jayalakshmi; Yalia	Sunnyvale	CA
Kurnik; Ronald T.	Foster City	CA
Lesho; Matthew J.	San Mateo	CA
Oliver; Jonathan James	Oakland	CA
Potts; Russell O.	San Francisco	CA
Tamada; Janet A.	Mountain View	CA
Waterhouse; Steven Richard	San Francisco	CA
Wei; Charles W.	Fremont	CA

US-CL-CURRENT: 435/14; 204/400, 205/777.5, 422/82.01, 422/82.02, 435/176, 435/25, 435/287.1, 435/817, 436/149, 436/150, 436/151, 436/518, 436/525, 436/806

## ABSTRACT:

The invention relates generally to methods, systems, and devices for measuring the concentration of target analytes present in a biological system using a series of measurements obtained from a monitoring system and a Mixtures of Experts (MOE) algorithm. In one embodiment, the present invention describes a method for measuring blood glucose in a subject.

23 Claims, 12 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KOMC	Draw De
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☐ 6. Document ID: US 6541266 B2

L6: Entry 6 of 20

File: USPT

Apr 1, 2003

US-PAT-NO: 6541266

DOCUMENT-IDENTIFIER: US 6541266 B2

TITLE: Method for determining concentration of an analyte in a test strip

DATE-ISSUED: April 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Modzelewski; Brent E.	Brookfield	CT		
Gilmour; Steven B.	Coral Gables	FL		
Roth; G. Thomas	Fairfield	CT		
Bell; Douglas E.	Coral Springs	FL		

US-CL-CURRENT: 436/95; 422/55, 422/56, 422/82.05, 422/82.09, 435/14, 436/164, 436/169

## ABSTRACT:

The present invention provides a method of measuring an analyte, such as glucose in

a fluid sample, such as whole blood, by a reflectance reading device. The method includes making periodic intermediate calculations of analyte level and dynamically ascertaining when an analytical reaction has reached an end point. Once stable, the process stops making periodic calculations and reports the final, actual glucose concentration. According to an exemplary embodiment, the method is performed by a reflectance photometer using an analytical test strip containing reagents that react with an analyte of interest in the test fluid. The end point is determined by calculating an intermediate analyte level of the testing element at predetermined intervals and calculating a ratio value corresponding to the (n).sup.th measurement to an (n-5).sup.th measurement. When two consecutive ratio values are less than or equal to a predetermined value, the end point is deemed reached and the final analyte level ascertained.

36 Claims, 5 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 5

Full	Title	Craton	Front	Review	Classification	Date	Reference	Sequences	Abstracts	Claims	AMC	Draw D
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☐ 7. Document ID: US 6326160 B1

L6: Entry 7 of 20

File: USPT

Dec 4, 2001

US-PAT-NO: 6326160

DOCUMENT-IDENTIFIER: US 6326160 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Microprocessors for use in a device for predicting physiological values

DATE-ISSUED: December 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dunn; Timothy C.	San Francisco	CA		
Jayalakshmi; Yalia	Sunnyvale	CA		
Kurnik; Ronald T.	Foster City	CA		
Lesho; Matthew J.	San Mateo	CA		
Oliver; Jonathan James	Oakland	CA		
Potts; Russell O.	San Francisco	CA		
Tamada; Janet A.	Mountain View	CA		
Waterhouse; Steven Richard	San Francisco	CA		
Wei; Charles W.	Fremont	CA		

US-CL-CURRENT: 435/14; 204/400, 204/403.01, 204/403.06, 204/403.1, 204/403.11, 422/62, 422/63, 422/67, 422/82.01, 435/25, 435/286.1, 435/287.1, 435/287.2, 435/287.3, 435/808, 436/164, 436/50, 436/503, 436/63, 436/805, 604/20, 702/19

ABSTRACT:

The invention relates generally to methods, systems, and devices for measuring the concentration of target analytes present in a biological system using a series of measurements obtained from a monitoring system and a Mixtures of Experts (MOE)

algorithm. In one embodiment, the present invention describes a method for measuring blood glucose in a subject.

20 Claims, 12 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K00C	Draw De
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☐ 8. Document ID: US 6180416 B1

L6: Entry 8 of 20

File: USPT

Jan 30, 2001

US-PAT-NO: 6180416

DOCUMENT-IDENTIFIER: US 6180416 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and device for predicting physiological values

DATE-ISSUED: January 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kurnik; Ronald T.	Foster City	CA		
Oliver; Jonathan James	Oakland	CA		
Potts; Russell O.	San Francisco	CA		
Waterhouse; Steven Richard	San Francisco	CA		
Dunn; Timothy C.	Menlo Park	CA		
Jayalakshmi; Yalia	Sunnyvale	CA		
Lesho; Matthew J.	San Mateo	CA		
Tamada; Janet A.	Mountain View	CA		
Wei; Charles W.	Fremont	CA		

US-CL-CURRENT: 600/316, 204/400, 204/403.11, 204/403.14, 205/777.5, 422/82.01, 422/82.02, 422/82.05, 435/14, 435/176, 435/25, 435/287.1, 435/817, 436/149, 436/150, 436/151, 436/518, 436/525, 436/806, 600/347, 604/20

ABSTRACT:

The invention relates generally to methods, systems, and devices for measuring the concentration of target analytes present in a biological system using a series of measurements obtained from a monitoring system and a Mixtures of Experts (MOE) algorithm. In one embodiment, the present invention describes a method for measuring blood glucose in a subject.

21 Claims, 4 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K00C	Draw De
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☐ 9. Document ID: US 6150126 A

L6: Entry 9 of 20

File: USPT

Nov 21, 2000

US-PAT-NO: 6150126

DOCUMENT-IDENTIFIER: US 6150126 A

TITLE: Daphnia reproductive bioassay for testing toxicity of aqueous samples and presence of an endocrine disrupter

DATE-ISSUED: November 21, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dodson; Stanley I.	Cottage Grove	WI		
Merritt; Christine M.	Madison	WI		
Shurin; Jonathan B.	Chicago	IL		
Redman; Kristin Girvin	Madison	WI		

US-CL-CURRENT: 435/29; 435/4, 435/967, 435/975

## ABSTRACT:

The invention provides a Daphnia reproductive bioassay for detecting and confirming the presence of a toxic substance in an aqueous sample, and/or for screening the substance as an endocrine disrupter. According to the assay, a test sample is brought into contact with adult, oviporous Daphnia of a single clone under conditions of crowding and growth conditions to stimulate sexual reproduction and the production of males. The bioassay is based upon the measurement of endpoints that convey quantitative information about the biological activity of the substance: survivorship, numbers of female offspring, numbers of male offspring, number of resting eggs, number of offspring that display developmental deformities or behavioral abnormalities, and nutritional status of the offspring. Also provided are kits for use in conducting the bioassay.

20 Claims, 13 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Figures	Abstract	Claims	KWIC	Draw D
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☐ 10. Document ID: US 5932436 A

L6: Entry 10 of 20

File: USPT

Aug 3, 1999

US-PAT-NO: 5932436

DOCUMENT-IDENTIFIER: US 5932436 A

TITLE: Daphnia reproductive bioassay for testing toxicity of aqueous samples and presence of an endocrine disrupter

DATE-ISSUED: August 3, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dodson; Stanley I.	Cottage Grove	WI		
Shurin; Jonathan B.	Chicago	IL		
Girvin; Kristin M.	Madison	WI		

US-CL-CURRENT: 435/29; 435/4, 435/967

## ABSTRACT:

The invention provides a 6-day Daphnia reproductive bioassay for detecting and confirming the presence of a toxic substance in an aqueous sample, and/or for screening the substance as an endocrine disrupter. According to the assay, a test sample is brought into contact with at least three adult, oviporous Daphnia of a single clone under conditions of crowding and suboptimal growth conditions to cause stress and stimulate sexual reproduction. The preferred clone for use in the assay is Daphnia galeata-mendotae Wingra clone CDF-1. The bioassay is based upon the measurement of five endpoints that convey quantitative information about the biological activity of the substance: survivorship, numbers of female offspring, numbers of male offspring, number of resting eggs, and number of offspring that display developmental deformities. Also provided are kits for use in conducting the bioassay.

19 Claims, 12 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Figures	Claims	KNOW	Draw. D.
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☐ 11. Document ID: US 5846742 A

L6: Entry 11 of 20

File: USPT

Dec 8, 1998

US-PAT-NO: 5846742

DOCUMENT-IDENTIFIER: US 5846742 A

TITLE: Selecting substances for treating glucocorticoid-mediated inflammation or immune diseases using Tripterygium wilfordii Hook F extracts

DATE-ISSUED: December 8, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lipsky; Peter E.	Dallas	TX		
Tao; Xue-Lian	Dallas	TX		
Cai; Jian	Dallas	TX		
Kovacs; William J.	Nashville	TN		
Olson; Nancy J.	Nashville	TN		

US-CL-CURRENT: 435/7.6; 424/759, 435/15, 435/366, 435/371, 435/4, 435/7.1, 435/7.8,



435/7.9, 435/8, 436/501, 436/503

## ABSTRACT:

The present invention provides for the use of *Tripterygium wilfordii* Hook F extracts and purified components thereof in the treatment of inflammation or an immune disorder with concomitant lack of steroidal effect. Extracts of this plant (T2) bound to the glucocorticoid receptor and competitively inhibited glucocorticoid mediated cellular processes, such as dexamethasone binding to the glucocorticoid receptor, glucocorticoid mediated activation of target genes, dexamethasone dependent cellular growth, with concomitant inhibition of cyclooxygenase-2 induction and inflammatory processes such as the production of prostaglandin E.sub.2. The T2 extract components triptolide and triptdiolide were effective inhibitors. The particular advantage provided by the methods herein is the treatment or prevention of inflammation and the concomitant lack of steroidal agonist effects and NSAID side effects. Conditions treatable by the present methods include inflammation and immune disorders including autoimmune disease.

6 Claims, 59 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Exemptions	Attachments	Claims	K00C	Draw De
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☐ 12. Document ID: US 5728352 A

L6: Entry 12 of 20

File: USPT

Mar 17, 1998

US-PAT-NO: 5728352

DOCUMENT-IDENTIFIER: US 5728352 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Disposable electronic diagnostic instrument

DATE-ISSUED: March 17, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Poto; Edward M.	Somerville	NJ		
Strahs; Kenneth R.	Basking Ridge	NJ		
Conner; Timothy J.	Newton	PA		
Delahanty; Francis T.	Newton	PA		
Moorman; Michael	Princeton	NJ		
Wieck; Henry	Plainsboro	NJ		

US-CL-CURRENT: 422/82.05; 422/56, 422/57, 422/58, 422/61, 422/68.1, 435/14,  
435/805, 435/808, 435/810, 436/166, 436/169 , 436/46, 436/63, 436/95

## ABSTRACT:

The invention relates to a disposable electronic diagnostic instrument designed for use in an Over-the-Counter (OTC) cholesterol test kit for measuring cholesterol levels of blood. The instrument is designed and calibrated specifically for use

with diagnostic test strips supplied with the OTC cholesterol test kit.

7 Claims, 10 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 8

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 13. Document ID: US 5580748 A

L6: Entry 13 of 20

File: USPT

Dec 3, 1996

US-PAT-NO: 5580748

DOCUMENT-IDENTIFIER: US 5580748 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Diagnostic tests for alzheimers disease

DATE-ISSUED: December 3, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alkon; Daniel L.	Bethesda	MD		
Etcheberrigaray; Rene	Rockville	MD		
Ito; Etsuro	Chevy Chase	MD		
Gibson; Gary E.	Larchmont	NY		

US-CL-CURRENT: 435/29; 435/4, 436/811

ABSTRACT:

The present invention is a method for the diagnosis of Alzheimer's disease using human cells. Specifically, the method detects differences between potassium channels in cells from Alzheimer's patient and normal donors, and differences in intracellular calcium concentrations between Alzheimer's and normal cells in response to chemicals known to increase intracellular calcium levels.

24 Claims, 14 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 14

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 14. Document ID: US 5435970 A

L6: Entry 14 of 20

File: USPT

Jul 25, 1995

US-PAT-NO: 5435970

DOCUMENT-IDENTIFIER: US 5435970 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Device for analysis for constituents in biological fluids

DATE-ISSUED: July 25, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mamenta; Edward L.	Carrboro	NC		
Turnachik; Michael F.	Gibsonville	NC		

US-CL-CURRENT: 422/56; 422/100, 422/58, 435/11, 435/14, 435/805

ABSTRACT:

The invention is a device for separating blood cells from biological fluids, preferably plasma from whole blood. The invention includes a nonabsorbent, porous unitary support, which is desirably made of glass fiber, and a blood cell binding composition, such as a lectin. This device provides a test kit for measuring a plasma analyte in whole blood. This kit separates plasma from the whole blood, exposes the plasma to reactants that detect an analyte, and provides a chromatic or other result in response to exposure to the analyte. A desirable embodiment of the device has a cover plate over the reaction pad to apply uniaxial pressure to the reaction pad which controls migration of plasma. The invention includes a method for separating plasma from whole blood and a method for detecting an analyte.

13 Claims, 15 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Examination	Claims	KMOC	Draw De
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☐ 15. Document ID: US 5411858 A

L6: Entry 15 of 20

File: USPT

May 2, 1995

US-PAT-NO: 5411858

DOCUMENT-IDENTIFIER: US 5411858 A

TITLE: Manufacturing process for sample initiated assay device

DATE-ISSUED: May 2, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McGeehan; John K.	Woodbury	NJ		
Ertingshausen; Gerhard	Princeton	NJ		
Meluch; Timothy B.	Bear	DE		

US-CL-CURRENT: 435/4; 422/947, 435/805, 435/970, 436/169, 436/514, 436/518, 436/528, 436/800, 436/805, 436/810

ABSTRACT:

A quantitative test device is manufactured using a feedback loop which allows one to modify continuously the dimensions of a reading scale printed on the device. The quantitative test device is manufactured by attaching the critical component of a two-component dye system to minute particles such as microcrystalline cellulose, silica, or latex, which particles are suspended in a solution of a polymeric binder. Additional non-immobilized components of the reaction system of the test device are optionally added to the polymer solution. The suspension of dyed particles in polymer solution is applied to a fabric as a coating, using conventional coating machines, to obtain a homogeneous distribution of immobilized dye throughout the fabric.

The device includes a measurement zone which is made from a film support made of a material having a lower melting point than the filter cloth fabric used in the measurement zone was used. By using a lower melting point material for the support film, impulse heat sealing is controlled to a degree such that the lower melting point support is made to melt and extrude through the mesh of the fabric on either side of a channel, forming a seal along the sides of the channel.

10 Claims, 3 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Examiner	Attachment	Claims	KWIC	Draw. D
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☐ 16. Document ID: US 5356782 A

L6: Entry 16 of 20

File: USPT

Oct 18, 1994

US-PAT-NO: 5356782

DOCUMENT-IDENTIFIER: US 5356782 A

TITLE: Analytical test apparatus with on board negative and positive control

DATE-ISSUED: October 18, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moorman; David R.	Indianapolis	IN		
Ledden; David J.	Indianapolis	IN		
Webster; David D.	Indianapolis	IN		
Heald; Brian A.	Indianapolis	IN		

US-CL-CURRENT: 435/7.9; 422/56, 422/57, 422/68.1, 422/69, 435/4, 435/7.1, 435/7.5, 435/7.92, 435/805, 435/967, 435/970, 435/975, 436/501, 436/512, 436/518, 436/523, 436/536

ABSTRACT:

The invention is an apparatus useful in carrying out an analytical assay. The apparatus has a positive and negative control, as well as a site for determining the presence, amount, or lack of an analyte in a sample.

30 Claims, 9 Drawing figures

Exemplary Claim Number: 1  
Number of Drawing Sheets: 8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KMIC	Draw De
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☐ 17. Document ID: US 5187100 A

L6: Entry 17 of 20

File: USPT

Feb 16, 1993

US-PAT-NO: 5187100  
DOCUMENT-IDENTIFIER: US 5187100 A

TITLE: Dispersion to limit penetration of aqueous solutions into a membrane

DATE-ISSUED: February 16, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matzinger; David P.	Menlo Park	CA		
Teodorczyk; Maria	Palo Alto	CA		
Poulos; Darwin R.	Los Altos	CA		

US-CL-CURRENT: 436/16; 252/408.1, 422/56, 422/61, 435/14, 436/14, 516/77,  
516/DIG.2, 524/563

ABSTRACT:

A control solution for use with a porous reagent strip comprises a flexible semisolid polymer dispersed in water, such as polyvinyl acetate in distilled water, with appropriate control glucose concentration levels. This solution is useful in mimicking whole blood in conjunction with porous reagent strips to determine compliance of the strips and meters to established measurement and performance criteria.

11 Claims, 2 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KMIC	Draw De
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☐ 18. Document ID: US 4774192 A

L6: Entry 18 of 20

File: USPT

Sep 27, 1988

US-PAT-NO: 4774192  
DOCUMENT-IDENTIFIER: US 4774192 A

TITLE: A dry reagent delivery system with membrane having porosity gradient

DATE-ISSUED: September 27, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Terminiello; Louis	Sunrise	FL		
Aronowitz; Jack L.	Delray Beach	FL		

US-CL-CURRENT: 436/530; 422/56, 422/947, 435/11, 435/12, 435/14, 435/22, 435/25,  
435/805, 435/810, 436/518, 436/531, 436/808, 436/810, 436/817, 436/901

## ABSTRACT:

Dry chemistry reagent system, kit and method for detection of an analyte such as glucose, cholesterol, urea, antigen or antibody. The reagent system is a porous membrane or bibulous film having a porosity gradient from one planar surface to the other. In the membrane are uniformly distributed an indicator, a flow control agent and a reagent cocktail. The membrane is also modified by a conditioning agent.

40 Claims, 10 Drawing figures  
Exemplary Claim Number: 21  
Number of Drawing Sheets: 2

Publ.	Title	Cratn	Front	Revem	Classification	Date	Reference			Claims	80C	Draw D
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☐ 19. Document ID: US 4729959 A

L6: Entry 19 of 20

File: USPT

Mar 8, 1988

US-PAT-NO: 4729959

DOCUMENT-IDENTIFIER: US 4729959 A

TITLE: Glucose reference control for glucose test strips

DATE-ISSUED: March 8, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ryan; Wayne L.	Omaha	NE		

US-CL-CURRENT: 436/14; 435/14, 436/10, 436/17, 436/18

## ABSTRACT:

A stable glucose reference control has been found in which the true value and the measured value of glucose in blood, colorimetrically obtained with glucose test strips, is approximately the same. The glucose reference control comprises an aqueous suspension of:

(i) 40 to 500 mg/dL of glucose, and

(ii) about 0.1 to 0.3.times.10.sup.12 /dL red blood cells fixed with a fixing agent to render the red blood cells incapable of metabolizing glucose.

12 Claims, 0 Drawing figures  
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWMC	Draw De
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DOCUMENT-IDENTIFIER: US 4366144 A

**\*\* See image for Certificate of Correction \*\***

TITLE: In vivo method of determining leucocyte migratory activity levels

DATE-ISSUED: December 28, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Golub; Lorne M.	Smithtown	NY		
Kaslick; Ralph S.	New York	NY		

US-CL-CURRENT: 435/4; 424/49, 436/148, 436/530, 436/811, 514/19, 514/2

ABSTRACT:

Pharmacologically acceptable chemotactic agents when applied to gingival crevices cause the migration of crevicular fluid containing crevicular leucocytes into the said gingival crevice.

A quantitative correlation has been found between the amount of crevicular fluid migrating into the crevice and the crevicular fluid migrating into the crevice and the crevicular leucocytes contained therein after chemotactic challenge.

It has further been shown that the amount of fluid and leucocytes migrating into said crevice gave a predictable relationship to the migratory activity of leucocytes obtained from the same subject when measured by conventional in vitro means.

A rapid, convenient and simple method is thus provided for detecting certain diseases involving leucocyte migratory activity abnormalities for example diabetes mellitus and periodontosis.

7 Claims, 8 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWMC	Draw De
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